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          1 FILE NAPRALERT
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## 39 FILES HAVE ONE OR MORE ANSWERS, 62 FILES SEARCHED IN STNINDEX

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7 FILES SEARCHED...

8 FILES SEARCHED... 13 FILES SEARCHED... 13541 EUKARYO? AND INITI? AND FACTO? AND KINAS? => s eIF-2? and kinas? TERM '2?' EXCEEDED TRUNCATION LIMITS - SEARCH ENDED 1 FILES SEARCHED... <-----User Break----> SEARCH ENDED BY USER You have entered a truncated stem which occurs in too many terms. Make the stem longer and try again. For example, if your original term was 'degr?' to search for variations and the abbreviation for 'degradation', you could replace it with the expression '(degrdn OR degrad?)'. If your search term was numeric, e.g., 'C>5', reduce the size of the range. => log hCOST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 35.01 76.56 SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 10:54:03 ON 14 NOV 2001 Trying 3106016892...Open Welcome to STN International! Enter x: Welcome to STN International! Enter x:x LOGINID: LOGINID:ssspta1652dmr PASSWORD: \* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \* SESSION RESUMED IN FILE 'USPATFULL, ESBIOBASE, BIOSIS, SCISEARCH, CAPLUS, MEDLINE, EMBASE, GENBANK, BIOTECHNO, LIFESCI, CANCERLIT, DGENE, PASCAL, TOXLIT, AGRICOLA, CABA, NLDB, DRUGU, EMBAL, WPIDS, IFIPAT, JICST-EPLUS' AT 11:14:16 ON 14 NOV 2001 FILE 'USPATFULL' ENTERED AT 11:14:16 ON 14 NOV 2001 CA INDEXING COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'ESBIOBASE' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 Elsevier Science B.V., Amsterdam. All rights reserved. FILE 'BIOSIS' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 BIOSIS(R) FILE 'SCISEARCH' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 Institute for Scientific Information (ISI) (R) FILE 'CAPLUS' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'MEDLINE' ENTERED AT 11:14:16 ON 14 NOV 2001 FILE 'EMBASE' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 Elsevier Science B.V. All rights reserved. FILE 'GENBANK' ENTERED AT 11:14:16 ON 14 NOV 2001 FILE 'BIOTECHNO' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 Elsevier Science B.V., Amsterdam. All rights reserved. FILE 'LIFESCI' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 Cambridge Scientific Abstracts (CSA) FILE 'CANCERLIT' ENTERED AT 11:14:16 ON 14 NOV 2001 FILE 'DGENE' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 DERWENT INFORMATION LTD FILE 'PASCAL' ENTERED AT 11:14:16 ON 14 NOV 2001 COPYRIGHT (C) 2001 INIST-CNRS. All rights reserved. FILE 'TOXLIT' ENTERED AT 11:14:16 ON 14 NOV 2001 FILE 'AGRICOLA' ENTERED AT 11:14:16 ON 14 NOV 2001 FILE 'CABA' ENTERED AT 11:14:16 ON 14 NOV 2001

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'HI' IS NOT A VALID FORMAT In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files. REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

(FILE 'HOME' ENTERED AT 09:52:28 ON 14 NOV 2001)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 09:52:52 ON 14 NOV 2001

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- 5 FILE AQUASCI
- 2 FILE BIOBUSINESS
- 1 FILE BIOCOMMERCE
- 912 FILE BIOSIS
  - 9 FILE BIOTECHABS
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  - 1 FILE FROSTI
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  - O\* FILE IFIPAT
- 11 FILE JICST-EPLUS
- 463 FILE LIFESCI
- 1256 FILE MEDLINE
  - 1 FILE NIOSHTIC
  - 0\* FILE NTIS
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    - 0\* FILE WPINDEX
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- 2 FILE BIOBUSINESS
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- 24 FILE CABA
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                  FILE NLDB
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     ON 14 NOV 2001
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           7289 S EIF? AND KINAS?
L3
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                         Direct Submission
   TITLE (TI):
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CAS REGISTRY NO. (RN):
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SEQUENCE LENGTH (SQL): 165536
MOLECULE TYPE (CI):
                         DNA; linear
DIVISION CODE (CI):
                         Plants, fungi, algae
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FILE CAPLUS

659

11 Oct 2000 DATE (DATE): S.cerevisiae chromosome XVI 165536 bp sequence, cen DEFINITION (DEF): rightwards. ARO7; ATPase; beta-transducin; CCL1; CDC21 homologue; KEYWORDS (ST): CDE1; CDE2; CDE3; centromere; CHL1; chorismate mutase; citrate synthase; coatomer zeta subunit; cyclin; delta element; DnaJ; DSS4; electro; transport flavoprotein; eukaryotic iniation factor 5; F1Fo-AT; synthase g subunit; gamma adaptin; GLN1; glutamine synthetase; Grave's disease; quanine-releasing protein; HAL1; halotolerance; histidine tRNA synthetase; HTS1; isocitrate lyase; LPT1; LTR; MAK3; MFS1; Mitochondrial carrier protein; N-acetyltransferase; NADPH-cytochrome P450 reductase; negative regulator; NHP6A; nonhistone chromosomal protein 6A; OSD1; phenylalanyl-tRN; synthetase; phosphotyrosine protein phosphatase; polyposis; protamine P1; protein kinase; protein transport; regulator; protein; ribosomal protein L37a; RNA polymerase I; ROX1; RPA2; SEC8; SMK1; spermidine synthase; TIF5; TKL1; transfer RNA-Gly; transfer RNA-Lys; transfer RNA-Phe; transfer RNA-Ser; transketolase; tropomyosin; ubiquitin-activating enzyme; vacuola; H(+)-ATPase 54 kda subunit; VMA13; YMC1; YME1; YTA11; zinc finge; protein SOURCE: baker's yeast. ORGANISM (ORGN): Saccharomyces cerevisiae Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; Saccharomycetaceae; Saccharomyces NUCLEIC ACID COUNT (NA): 52201 a 31306 c 31323 g 50706 t COMMENT: 1 to 25540 SC8132X Z48483 SC8132X Z48483 1 to 25540 SC9723 Z48951 100 to 17660 SC9531X Z49919 104 to 27166 SC9367 Z49274 10 to 42190 790 to 10339 (PCR product) Z68111 SC9499X Z49219 134 to 43776 The most significant matches using FASTA -o to a non-redundant database compiled from Swissprot 32 and PIR 46 and Wormpep9 are All CDS over 100 codons have been analysed. CDS that are largely or completely overlapped by a larger CDS have been omitted from this analysis. The more significant matches with motifs in the PROSITE database are also included but some of these may be fortuitous. The length in codons/amino-acids is given for each CDS as is the calculated codon adaptation index (CAI). tRNA genes and LTRs are also included. Notes: This sequence has been compiled from the following submissions of individual contigs. REFERENCE: (bases 1 to 165536) AUTHOR (AU): Badcock, K.; Bowman, S.; Churcher, C.M.; Pearson, D.; Rajandream, M.A.; Walsh, S.V.; Barrell, B.G. TITLE (TI): Direct Submission Submitted (19-APR-1996) Saccharomyces cerevisiae JOURNAL (SO): chromosome IV sequencing project, Sanger Centre, Hinxton Hall, Hinxton, Cambridge CB10 1RQ. E-mail: barrell@sanger.ac.uk

FEATURES (FEAT):

Feature Key Location Qualifier

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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synthetases class-II signature 1 and PS00339 Aminoacyl-transfer RNA synthetases class-II signature 2" /codon-start=1 /product="Hts1p" /protein-id="CAA94983.1" /db-xref="GI:1314107" /db-xref="SWISS-PROT:P07263" /translation="MLSRSLNKVVTSIKSSSIIR MSSATAAATSAPTANAANALKASK APKKGKLQVSLKTPKGTKDWADSDMVIREAIFST LSGLFKKHGGVTIDTPVFELREIL AGKYGEDSKLIYNLEDQGGELCSLRYDLTVPFAR

<----->u => d his

(FILE 'HOME' ENTERED AT 09:52:28 ON 14 NOV 2001)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 09:52:52 ON 14 NOV 2001

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FILE ESBIOBASE

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  0* FILE NLDB
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     FILE BIOTECHNO
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  19 FILE NLDB
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FILE 'USPATFULL, ESBIOBASE, BIOSIS, SCISEARCH, CAPLUS, MEDLINE, EMBASE, GENBANK, BIOTECHNO, LIFESCI, CANCERLIT, DGENE, PASCAL, TOXLIT, AGRICOLA, CABA, NLDB, DRUGU, EMBAL, WPIDS, IFIPAT, JICST-EPLUS' ENTERED AT 10:48:09 ON 14 NOV 2001

L2 13541 S EUKARYO? AND INITI? AND FACTO? AND KINAS?

L3 7289 S EIF? AND KINAS?

L4 9902 S L2 NOT L3

L5 2528 DUP REM L3 (4761 DUPLICATES REMOVED)

L6 10028 DUP REM L2 (3513 DUPLICATES REMOVED)

L7 1 S L5 AND 14790?

=> s 15 and human? and recombin?

3 FILES SEARCHED...

7 FILES SEARCHED...

11 FILES SEARCHED...

13 FILES SEARCHED...

L8 240 L5 AND HUMAN? AND RECOMBIN?

=> s 16 and human? and recombin?

COMMAND INTERRUPTED

REENTER FILE 'USPATFULL, ESBIOBASE, BIOSIS, SCISEARCH, CAPLUS, MEDLINE, EMBASE, GENBANK, BIOTECHNO, LIFESCI, CANCERLIT, DGENE, PASCAL, TOXLIT, AGRICOLA, CABA, NLDB, DRUGU, EMBAL, WPIDS, IFIPAT, JICST-EPLUS'

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=> s 16 and human? and recombin?
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command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FIL F1-F24
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 125.75 167.30

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=> s 16 and human? and recombin?

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=> FIL F1-F24 COST IN U.S. DOLLARS

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